



Republic of the Philippines
Department of Education
National Capital Region
SCHOOLS DIVISION OFFICE
City of Mandaluyong

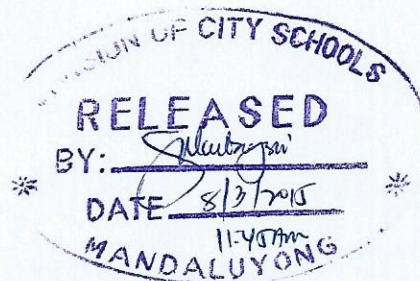
Tel. no. 533-49-31/35 Fax. no.532-71-17
E-Mail Address: mandaluyongcity@deped.gov.ph



August 3, 2015

MEMORANDUM

TO: Chief Education Program Supervisors
Education Program Supervisors
Senior Education Program Specialists
SGOD Officials and CID Officials
Principals, ABIS/CMSHS/MHS/MPNAG



2015 PHILIPPINE NUCLEAR SCIENCE QUIZ (PNSQ)

The Department of Science and Technology-Philippine Nuclear Research Institute (DOST-PNRI) will conduct the **2015 Philippine Nuclear Science Quiz (PNSQ)** on **August 7, 2015** at **Main Auditorium, Quezon City (Regional Level)** and **December 7-9, 2015** at **3rd Philippine Nuclear Congress in Metro Manila (National Level)**.

The participating schools to this quiz competition are the following:

Secondary

1. CMSHS
2. MHS
3. MPNAG
4. ABIS

Deadline of registration is on **August 7, 2015** to **Philippine Nuclear Training Center**. The **fax number** is **(632) 920-87-88**.

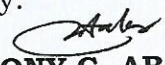

Enclosed is the **Guidelines** and **Mechanics** of the said competition.

Immediate dissemination of this **Memorandum** is desired.

For:

NERISSA L. LOSARIA, CESO VI
Officer-In-Charge
Schools Division Superintendent

By:


BONY G. ABALOS
Officer-In-Charge of the Division
Administrative Officer V 



Republic of the Philippines
Department of Education
National Capital Region
SCHOOLS DIVISION OFFICE
City of Mandaluyong
Tel. no. 533-49-31/35 Fax. no.532-71-17
E-Mail Address: mandaluyongcity@deped.gov.ph



July 30, 2015

2015 PHILIPPINE NUCLEAR SCIENCE QUIZ (PNSQ)
August 7, 2015, 8:00 A.M.-5:00 P.M.
Main Auditorium, Quezon City (Regional Level)

LIST OF PARTICIPATING SCHOOLS

1. Andres Bonifacio Integrated School (ABIS)
2. City of Mandaluyong Science High School (CMSHS)
3. Mandaluyong High School (MHS)
4. Mataas na Paaralang Neptali A. Gonzales (MPNAG)

Submitted by:


ROSA G. ALVAREZ

Education Program Supervisor

The 2015 Philippine Nuclear Science Quiz

Guidelines and Mechanics

I. INTRODUCTION

The Department of Science and Technology – Philippine Nuclear Research Institute (DOST-PNRI) will spearhead the celebration of the 3rd Philippine Nuclear Congress (PNC) on 7–9 December 2015 with the theme “Meeting Challenges through Nuclear Science and Technology for Sustainable Growth.” The celebration will focus on enhancing public awareness on breakthroughs in nuclear research, beneficial uses of nuclear science and technology, advances in radiation technology, and safety in undertaking activities involving radioactive materials. In line with these, PNRI will hold the **2015 Philippine Nuclear Science Quiz (PNSQ)**.

PNSQ is a national quiz bee competition which provides an avenue to enhance Filipino students’ awareness and appreciation of the nuclear science and technology field and its potential role in uplifting the quality of living in the country. The **Elimination Round** will be held by Regional Clusters from **August to November 2015** while the **National Level Competition** will be held on **8 December 2015** at the venue of the 3rd Philippine Nuclear Congress in Metro Manila. This activity is envisioned to be an effective vehicle in providing an unbiased view on nuclear science and technology.

II. OBJECTIVE

The PNSQ aims to sustain awareness and understanding on nuclear science and technology and its beneficial applications among high school students.

III. PARTICIPATION

- Each participating school shall form a team of two (2) students and an official coach. The team should be officially endorsed by the School Principal/Head. A school with only one student representative will not be accepted in the competition.
- Participants must be bona fide high school students from either public or private secondary schools in the Philippines as certified by their school principal/ head.
- Participants must be willing (with parents’/guardians’ consent) to travel to the PNSQ venue if their team qualifies to the semi-final round of the National Level Competition.
- Participating teams should register by submitting a completely filled Registration Form (Can be downloaded online through: <http://pnsq.pnri.dost.gov.ph>) to the PNSQ Committee. Completed forms should be submitted on or before the set deadline through:

Email: pnsq.pnri@gmail.com

Mail: To: The 2015 PNSQ Committee
Nuclear Training Center
Philippine Nuclear Research Institute
Commonwealth Avenue, Diliman, Quezon City, 1101

Fax: (+632) 920 8788 (Attention: PNSQ Committee)

- The deadline of registration per regional clusters are detailed as follows:

Cluster (Regions)	Deadline of Registration*
North Luzon Cluster (CAR, Region 1, Region 2)	21 August 2015
South Luzon Cluster A (NCR, Region 3, Region 4A)	7 August 2015
South Luzon Cluster B (Region 4B, Region 5)	7 August 2015
Visayas Cluster (Region 6, Region 7, Region 8)	11 September 2015
Mindanao Cluster (Region 9, Region 10, Region 11, Region 12, Region 13, ARMM)	30 October 2015

* Receipt of registration sent through postal mails will be considered up to one (1) week after the deadline in consideration of the slower process involved in using this form of communication.

5025

DIVISION OF CITY SCHOOLS

RECEIVED

By: _____

Date: 29 JUL 2015

Time: 9:10 AM

MANDALUYONG

- The registered student representatives cannot be replaced by another representative at any stage of the PNSQ competition. In the event that the official coach has to be replaced, for some valid reasons, the PNSQ committee should be duly informed at least one (1) week before the schedule of the competition.
- A maximum of thirty (30) schools will be accommodated per regional cluster. These 30 slots will be equally divided among the regions per cluster. The DOST and/or DepEd Regional Offices may have the prerogative to fill up the available slots in their respective regions. However, in case there is not enough representation per region, slots will be allotted on a first registered, first served basis.
- A confirmation e-mail will be sent to each team who have successfully registered to PNSQ 2015. The list of successful registrants will be posted at the official PNSQ website (<http://pnsq.dost.gov.ph>) one week after the registration deadline.

IV. COVERAGE OF QUESTIONS

The questions in PNSQ will cover various topics on nuclear science and technology which includes radiation and radioactivity, atomic and nuclear structure, nuclear and radiation technology, nuclear power, radiation protection, nuclear safety and regulations, and current nuclear-related events.

V. PRIZES AND FINANCIAL MATTERS

1. The top four (4) schools from the Cluster Level Elimination Round will qualify to the National Level Competition and shall be entitled to the following prizes and travel subsidy:
 - An amount of **PhP 15,000.00** will be given right after the Elimination Round to the top 4 schools. This amount shall be used to defray food, accommodation and fare expenses within Metro Manila during the conduct of PNSQ.
 - Travel expenses subsidy per team from each cluster:

Cluster (Regions)	# of National Qualifiers	Travel Subsidy per Team*
North Luzon Cluster (CAR, Region 1, Region 2)	4	PhP 10,000.00
South Luzon Cluster A (NCR, Region 3, Region 4A)	4	PhP 1,000.00
South Luzon Cluster B (Region 4B, Region 5)	4	PhP 12,000.00
Visayas Cluster (Region 6, Region 7, Region 8)	4	PhP 18,000.00
Mindanao Cluster (Region 9, Region 10, Region 11, Region 12, Region 13, ARMM)	4	PhP 22,000.00

*Travel subsidies shall be given to the qualifying teams upon their arrival at the venue of the 3rd Nuclear Congress for the 2015 PNSQ National Level Competition. Non-arrival of the national qualifier will forfeit their claim to the travel subsidy.

2. Each member of the teams who qualifies to the National Level Competition (one coach and two students) will receive a PNSQ 2015 T-Shirt.
3. Cash Prizes for PNSQ winners are as follows:
 - First Prize: PhP 50,000.00
 - Second Prize: PhP 30,000.00
 - Third Prize: PhP 20,000.00
 - Consolation Prize: PhP 15,000.00
 - Consolation Prize: PhP 15,000.00

VI. CONTEST MECHANICS

A. Cluster Level: Elimination Round

- 1 This will be held during Science and Technology Cluster Fairs with the venues and schedule detailed as follows:

Cluster / Regions	Date and Time	Venue
North Luzon • CAR: Cordillera Autonomous Region • Region 1: Ilocos Region • Region 2: Cagayan	2 September 2015	Vigan Central School
South Luzon Cluster A • NCR: National Capital Region • Region 3: Central Luzon • Region 4A: CALABARZON	19 August 2015	Philippine Nuclear Research Institute, Main Auditorium, Quezon City
South Luzon Cluster B • Region 4B: MIMAROPA • Region 5: Bicol	17-19 August 2015*	Puerto Princesa, Palawan*
Visayas Cluster • Region 6: Western Visayas • Region 7: Central Visayas • Region 8: Eastern Visayas	23-25 September 2015*	Ormoc City, Leyte*
Mindanao Cluster • Region 9: Zamboanga • Region 10: North Mindanao • Region 11: Davao Region • Region 12: Soccsargen • Region 13: CARAGA • ARMM: Autonomous Region of Muslim Mindanao	12-14 November 2015*	Zamboanga City, Zamboanga del Sur*

* Exact venue and schedule will be announced once finalized.

2. A maximum of thirty (30) schools will be accommodated in this round.
3. The elimination round will be a written examination, with both team members answering the questions together.
4. The written examination will be composed of fifty (50) multiple choice questions to be answered within one (1) hour. Not following instructions will invalidate the part of the examination where the violation occurred.
5. The top four (4) scorers in the written examination will qualify to the national level of the competition and shall be referred to as PNSQ National Qualifiers.
6. In case of a tie, tie-breaking questions will be asked until one of the teams gains advantage over the other team/s.

B. National Level: Semi-Final Round

1. This will be held on **8 December 2015, 1:00 PM** at the 3rd Philippine Nuclear Congress venue in Metro Manila.
2. The top four (4) teams representing each cluster shall qualify to compete in the Semi-Final Round. A total of twenty (20) teams are expected to join this round.
3. The Semi-final Round is a staged quiz show with a quizmaster reading the questions. Each team shall be provided with boards where they are to write their answers.
4. The quizmaster will read questions covering topics in Nuclear Science and Technology. Before reading the question, the quizmaster will specify the type of question (multiple choice, identification or computation), the allotted time for answering, and the corresponding points to be earned by the team.
5. A total of thirty (30) questions will be asked in this round. Each question will be read twice.
6. The teams should display their answers only at the cue of the quizmaster.
7. The results of the Quiz will be tabulated on a scoreboard and on a score sheet. The five (5) teams with the highest accumulated scores will advance into the final round.
8. In case of a tie for remaining slots, a tie-breaker round will be played where the contending teams will be asked randomly-selected questions worth one point each until the tie is broken.

C. National Level: Final Round

1. The top five (5) teams from the Semi-Final Round will first undergo a "Power-up" stage where they will answer a set of questions to get "Power-ups" which will help them in the next stage.
 - a. There will be two kinds of power-ups: **Jump** allows a team to advance two steps in the final round and **Fortitude** prevents a team from going back one step despite a wrong answer.
 - b. The style of this stage will be similar to the Semi-Final Round with the quizmaster reading the questions and the teams answering on boards.
 - c. The first team to get three (3) correct answers will be awarded one Jump power-up and one Fortitude power-up. The next team to get three (3) correct answers will be awarded one power up of their choice (Jump or Fortitude). In case of a tie, tie breaking questions will be asked until a winner is determined.
2. The Final Round is composed of a playing field with ten (10) steps for each of the five teams. The style of this round will be similar to the Semi-Final Round with the quizmaster reading the questions and the teams answering on boards.
3. All teams will stay behind the first step of their corresponding lines at the start of this round. Each correct answer will allow a team to take one step forward. A wrong answer will cause a team to take one step back except for those who are still at the starting point. A team can choose not to give an answer for which instance, they will remain in place.
4. A team possessing a power-up may use it, as applicable, until the 6th step. No team can use any power-up after the 6th step.
5. The first team to reach their last step (10th) will be declared the winner. The next two teams nearest to the finish line will take second and third place.
6. In the event that no team has reached the 10th step after 25 questions, the team nearest to the finish line will be declared the winner. The next nearest will be declared second and the third nearest will be declared third place.
7. In case of a tie in any of the top five (5) slots, tie-breaker questions will be asked where the contending teams will be asked randomly-selected questions worth one step each until the tie is broken.

VII. OTHER MATTERS

1. The PNSQ National Qualifiers will receive prizes and travel subsidies which shall be used to defray expenses in connection with their participation to the National Level Competition (See Section V. Prizes). Any expense in excess of the amount provided shall be borne by the participating school.
2. Food and drinks will be provided for all official participants and coaches during the conduct of the 2015 PNSQ from the Elimination to the Final Round.
3. Participants should arrive at the specified quiz venue at least one (1) hour before the competition schedule. This time will be allotted for registration and group picture taking before the start of the competition. Participants should present their respective school I.D.s during the registration.
4. The officials of the quiz shall have the right to disqualify any team who violates any item of the PNSQ Guidelines and Mechanics
5. A challenge to a question should be addressed to the judges only. The challenge should be given before the next question is asked. The judges will confer and decide whether the challenge is valid or not. The judges' decision is final and irrevocable.
6. The results of the quiz will be final and not appealable.
7. The awarding of winners will be during the closing ceremonies of the 3rd Philippine Nuclear Congress on **9 December 2015 (Wednesday)**.
8. For inquiries please email pnsq.pnri@gmail.com or contact:

Dr. Thelma P. Artificio or Ms. Lynette B. Cayabo
Philippine Nuclear Research Institute
Commonwealth Ave., Diliman, QC
Email: tpartificio@pnri.dost.gov.ph / lbcayabo@pnri.dost.gov.ph
Trunk Line: (632) 929-6011 to 19 loc. 256
Direct Line: (632) 920-8810